

Jacksonville Tree Commission

Wednesday March 23, 2022 – 9:30 AM
Ed Ball Building, 10th Floor, Conference Room 5
and Zoom

Commissioners: Chris Flagg, Chair
Curtis Hart, Vice Chair
Ron Salem
John Pappas
Mike Robinson
Rhodes Robinson
Susan Fraser

Advisors: Susan Grandin
Dalton Smith
Jose Regueiro

Staff: Cindy Chism

AGENDA - Revised

Order of Agenda is Subject to Change

- 1. Call to Order - Chair**
- 2. Roll Call and Verification of Quorum – Cindy Chism**
- 3. Submittal of Speaker’s Cards – Chair**
 - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
 - b) For those attending in person, paper speakers’ cards will be available.
- 4. Reports:**
 - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Jose Regueiro
 - b) Status of Pending Level 2 Tree Projects (Attachment B) – Todd Little
 - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Todd Little
- 5. Action Items:**
 - a) Approval of Minutes from February 16, 2022 meeting – Chair
 - b) Proposed Level 2 Project(s)
 - i. Fishweir Park Tree Planting Project (Attachment C)– Todd Little
 1. Presentation
 2. Public Comment
 3. Vote

ii. District 7 Tree Planting Project (Attachment D) – Kathleen McGovern

1. Presentation
2. Public Comment
3. Vote

6. Old Business

- a) Level 3 Program Document Revisions (Attachment E) – Susan Grandin/Fred Pope

7. New Business

- a) Cost per Tree Analysis (Attachment F) – Todd Little

- b) Expanded City-Wide Tree Maintenance Calculations (Attachment G) – John November

8. Public Comment:

- 9. Adjournment** – the next meeting is Wednesday, April 20th and will be a Hybrid/Zoom meeting in Ed Ball Building, 10th Floor, Public Works Office, conference room 5.

Jacksonville Tree Commission
Wednesday March 23, 2022 – 9:30 AM
Approved April 20, 2022
Via Zoom Platform & In Person

**Commissioners
Present:**

Chris Flagg, Chair
Susan Fraser
Mike Robinson
CM Ron Salem
John Pappas

Staff: Cindy Chism

Public: Joe Anderson, JEA
Kathleen McGovern, COJ
Fred Pope, COJ
Todd Little, COJ
Mike Zaffaroni, Liberty Landscape
John November, Public Trust
Eric Palmer, Liberty Landscape
Paul Davis, COJ

Advisors:

Susan Grandin, OGC
Dalton Smith, Urban Forestry

1. **Call to Order** – Chair
2. **Roll Call and Verification of Quorum** – Cindy Chism
3. **Submittal of Speaker’s Cards** – Chair
 - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
 - b) For those attending in person, paper speakers’ cards are available.
4. **Reports:**
 - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Joe Regueiro
 - b) Status of Pending Tree Projects (Attachment B) – Dalton Smith
 - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Dalton Smith
 - i. 630-CITY has 1,058,065 remaining balance; Remove & Replace balance is 1,106,655; Level 2 balance is 2,173,911.
 - ii. The new City Arborist will start April 4th.
5. **Action Items:**
 - a) Approval of Minutes from February 16, 2022 meeting – Chair
 - i. Motion to approve made by Mr. Pappas, seconded by Ms. Fraser, none opposed.
 - b) Proposed Level 2 Project(s)
 - i. Fishweir Park Tree Planting Project (Attachment C)– Todd Little
 1. Presentation – This project was requested by the Parks Department based on a citizen request. Most of the trees will surround a newly built walking trail. Trees will also be planted along Valencia Road.

2. Public Comment

- i. Mr. November asked what size Long Leaf Pine we use and can we find them in the nurseries. Mr. Little replied we use 3" and have had no problem getting them.
- ii. Mr. M. Robinson asked about the warranty. Mr. Little responded it's a 2 year warranty.
- iii. Mr. Flagg asked if 21 trees will have enough of an impact in this area. Mr. Little said during the walk-thru with Parks Department, it was determined they wanted to leave open space for play.

3. Vote – Motion made by Mr. Pappas to approve, seconded by Mr. M. Robinson, none opposed.

ii. District 7 Tree Planting Project (Attachment D) – Kathleen McGovern

1. Presentation – There are 4 parks in District 7 which are undergoing improvements.

2. Public Comment –

- i. Mr. November asked why no trees were added to shade the playground in A. Philip Randolph. Ms. McGovern replied Oaks have actually been added around the playground it just didn't make it onto the plan.
- ii. Mr. Anderson added, Greenscape has planted trees in the past in A. Philip Randolph and on the southside there is concrete underneath the dirt. The park used to be residential and the houses were removed.
- iii. Mr. November asked why so few trees are being planted in Long Branch Park. Ms. McGovern responded, these parks are used for so many different things, to be on the safe side we didn't put the trees in, however, we can take another look and make sure.
- iv. Mr. Flagg added, there are a lot of areas which could use a lot more trees, especially Long Branch. Ms. McGovern pointed out that because the pictures are satellite pictures you are not seeing what is happening now, i.e., the fence line is moving and the whole area is going to be swaled. I could send the drawing of exactly what's going on. Mr. Flagg continued; District 7 is an opportunity we could use to help as much as we can. Perhaps we could be more aggressive in tree planting if possible.

3. Vote – Motion made by Ms. Fraser to approve, seconded by Mr. M. Robinson, none opposed.

6. Old Business

a) Level 3 Program Document Revisions (Attachment E) – Susan Grandin/Fred Pope

- i. A workshop will be scheduled to discuss these documents in detail, however here are the main points:
- ii. There are 3 documents which changed: the Application, the Instructions, and the Agreement. A lot of the changes were formatting in terms of what exhibits we want and matching the numbers between the Application and the Agreement also explaining the process.
- iii. The Instructions lay out what is required to get the \$2500 stipend and when the Applicant can start tracking time spent. After the Conceptual Plan is completed then the Scope Review meeting with the Agency you are planting the trees with, whether it's Parks or whomever, is held. Once the

Conceptual Plan is approved, then the Applicant will submit a Fee Proposal with the Schematic Plan, which has been generated from the approved Conceptual Plan, with the Application.

- iv. Generating the Fee Proposal and doing the Schematic Plan is part of the contract itself and included in the Agreement. The Agreement requires someone to get 3 bids for the actual construction.
- v. Something to think about is whether to limit the Level 3 Projects to a design fee of \$35,000 and a construction fee of \$300,000. If you don't do that then the CCNA act is triggered. So, if the project is over those amounts, because the project is going to be so big the design and construction will both have to go out to bid so there is a chance the Landscape Architect which drew the Conceptual Plan might not be the Landscape Architect chosen to do the project.
- vi. Ms. Chism will email the draft forms and specifications necessary to the Commissioners for review before the workshop.

7. New Business

a) Cost Per Tree Analysis (Attachment F) – Todd Little

- i. Mr. Flagg pointed out that hopefully a series of presentations to City Council Committees (Neighborhoods and Finance) will be scheduled, so keeping this information updated will be a great illustration on our progress.
- ii. Ms. Fraser said this was a great 30,000 foot look at cost per tree but what Mr. Hart was asking for was the next level down or even the one below that, detail. If this Commission is going to decide projects and possible priorities, what Mr. Hart was looking for was cost based on types of warranty periods, MOT in urban projects, do you expect a high price in urban projects because they all have MOT or maybe they don't have MOT. Attachment F is a great total cost total trees map, but what we want to see is how do we differentiate between these; what kind of trees cost X, what's the survival rate, what MOT costs are we incurring when we pick a 1 year warranty versus a 2 year warranty, does that affect the mortality of the tree or not. When do we install irrigation and what's the cost of that. This report is a good start but let's add more columns and divisions to give us more detail.
- iii. Mr. Smith agreed to try to expand the table or to let the Tree Commission know if we needed to begin collecting that data so we could complete the table next year. However, due to staffing constraints right now, no timeframe can be given for an update.
- iv. Mr. M. Robinson asked if the Level 3 projects were 2 year warranties? Mr. Smith replied, Sulzbacher was a 1 year but the Zoo was 2 year. Mr. M. Robinson pointed out that a roughly \$300 difference between per tree warranty-wise is not a lot especially when you look at the number of hours staff spent per project. Mr. Smith added that employee hours were estimated.
- v. CM Salem asked if it was difficult for staff to track their hours on these projects. It seems it adds a lot of accountability to the process. Mr. Smith replied, no we have not tracked the hours, these numbers are estimates.
- vi. Mr. Pappas suggested developing a matrix of the elements the Commission would like Staff to track. Mr. Smith and Mr. Pappas will discuss the elements, balanced against the effort it takes to track, and present the suggestions to the Commission at the meeting.

- vii. Mr. Flagg added, that the bottom line is to gauge success. We want to show a minimal loss rate of trees and what is working well relative to maintenance and sustainability. Eventually perhaps we could compare success per District. Some Districts are more difficult because of conditions. How do we enhance that to ensure success; weight projects in those Districts to get them done.
- viii. Mr. Pope pointed out that the cost totals are not all inclusive, missing are the fees involved which were significant and the staff costs as well. Mr. Flagg continued, there are multiple layers which can be added; what are we doing that is successful and how do we continue that. Is there a 3 year back check, a 5 year, to see what projects are showing the most success in survivability? Mr. Smith agreed and added Staff could spend all their time updating the spreadsheets and not get any tree planting projects done.
- ix. Ms. Fraser added when we talk about what the fund sponsors in terms of Staff, the Arborist, this is a lot of money, a realistic expectation may be that the fund pays for an administrator that does all the numbers, spreadsheets, etc. Big decisions are being made using a lot of money without a lot of facts. I would be more supportive of administrative staff support vice professional staff who could collect the data and make it available to assist in making these decisions.
- x. Mr. Zaffaroni added, if we know, in advance, what Staff is looking for, we can accumulate that data with no addition cost.
- xi. Ms. Grandin asked when the settlement was agreed upon and an Arborist was the professional position selected to be filled by this, was the idea that the Arborist would be able to do all of this alone or would they need help. Mr. Pappas said, since there had never been anyone funded through it, the start was to dedicate one individual to focus on it. There really wasn't much discussion about staffing, the suit was about putting trees in the ground. Mr. November added with what we know now, it seems like a huge job, more than one person can do. There is movement in the community to be supportive of another position funded by the Tree Fund to work towards planting trees. CM Salem asked who would make that decision, Ms. Grandin replied, City Council. We would have to have support from the plaintiffs, the City Council decides what the Tree Funds are used for.
- xii. Mr. Flagg continued, how is it initiated. Is it an ordinance? CM Salem continued we develop an ordinance and get all the players to say we want this and bring it to the Council. Mr. November added a discussion would need to be held to determine how it would serve the Tree Commission and Ms. Fraser added who is it, a Landscape Architect, a half Arborist, half statistician, there's a lot of stuff to think about. CM Salem continued; we need to have that internal discussion. Mr. Flagg added we need to continue building data and the needs will become identified. Mr. November agreed, Community Engagement is also important, to take some burden off Staff.
- xiii. Mr. Pope pointed out, if you are waiting for statistics to make this decision, this year is going to be at the current level of projects, and yet we need, as soon as possible, to increase the number of projects coming out. So, we really need to address this soon.
- xiv. Ms. Fraser reminded the Commission that there was a conversation about having a facilitated discussion about how the Commission can take a greater role in prioritizing and identifying projects, that isn't on the calendar yet due to the staff changes, is that something we want to schedule; just to give us a target to push for. Mr. Flagg said, the staff changes set us back so we

need to regroup; Ms. Grandin, the Urban Forest Manager and I were to meet about the facilitated process and then the Commission would have the facilitated process. Mr. November added it is possible the non-profits would contribute if needed as there isn't budget for that. Ms. Fraser volunteered to take Mr. Flagg's place in this discussion. A meeting will be scheduled with Ms. Grandin and Ms. Fraser.

b) Expanded City-Wide Tree Maintenance Calculations (Attachment G) – John November

- i. Mr. Flagg commented we need to start with what we are planting now and ensure it is sustained and successful. Mr. Smith added this presentation is another 30,000 foot view, there is a lot more to this than what is listed here. Mr. November replied but money would help, Mr. Smith agreed and added that a lot more planning required by Staff, look at mileage, i.e., Pritchard Rd vs. Trout River, there are different canopy levels per road, not every road needs trimming on the same schedule.
- ii. Ms. Fraser asked do we think it's important, do we think more money is needed to do a better job and then the discussion becomes how do we do the better job. The big question is do we think maintenance is important, it's part of the focus of the Trust Fund and we should do more than maintain the trees we are planting with the fund. If the answer is yes, then the discussion gets into harder numbers and bigger decisions. Mr. Smith added, currently we are reactive, there is no scheduled pruning for any roads. Perhaps we could take steps for some pilot roads that need attention to get on a cycle, with another bid, per mile, which is more competitive, but we are in the beginning stages of something proactive. Mr. Flagg asked how we can model ourselves after Cities that are already using a proactive approach to pruning trees.
- iii. Mr. M. Robinson asked about Lewis Tree's \$6500 per mile, which covers both sides of the road and the median, referenced in Attachment G. Mr. November replied that number was ballpark. Mr. M. Robinson then asked what JEA's price per mile for trimming. Mr. Joe Anderson replied, JEA does 1200 miles per year trimming trees at about 5 million dollars. JEA is proactive with a 2.5-year trim cycle. It is a model which helps albeit inadvertently.
- iv. Mr. Anderson continued, a study by University of Florida storm response found that trees trimmed by utilities enhances the resiliency primarily because we are attacking the hazards within a tree. To have a sustainable and resilient tree canopy you must maximize the benefits and minimize the risk. The last 2 weeks I have been on call and every single vegetative related outage was not caused by wind on a healthy tree. It was always a dead, declining tree or defective part of the tree which could have been trimmed. They were not all on the City right-of-way, a lot were on private property which were not maintained. Trees are part of the infrastructure, it's like a vehicle, you can't just have it and not maintain it. To build the public trust you must attack their fear, regarding the tree canopy. That fear has to do with the liability and risk of those trees, falling on their cars or potentially harming an individual. The utility can be of great service here, since there is already a model, there is also the Duval County Cooperative Extension, Urban Forester Larry Figart who is connected with research at the University of Florida and there is the Forest Service which also has a dedicated Urban Forester.
- v. Mr. November suggested the possibility of a grant.

- vi. CM Salem pointed out that the budget process for next year is going on now. If something could be put together sooner rather than later. Mr. Pappas added there needs to be more detailed information, what exactly is being done to the trees. When Public Works does the work we focus on encroachment, keeping it off the sidewalk, intersections, are both sides of the tree or all around the tree involved is that the same price. What we need to show is the benefits the money will provide, clearly and well defined.
- vii. Mr. November asked if there wasn't something to be said for an adaptive iterative process. This would be the first year of doing proactive maintenance. Mr. Pappas suggested a pilot type of program is something to consider but what we are asking and the results achieved must be very well documented. Ms. Fraser added perhaps examples of Cities which have adopted these types of programs could be contacted, it may take 10 years to flesh out the benefits.
- viii. Mr. Flagg asked how we get this process started. Mr. Pappas said we must first define what we are asking for and then why will it benefit the City. Mr. Flagg added it's got to start in a strategic planning mode, what are the needs, where do we need put attention towards, I'm not sure that we have that objective highlighted per year because Staff is just scrambling to do their job. Do we determine a strategic plan for the year, maintenance is huge and costs money to get started. Mr. Pappas suggested getting research from other Cities which have done this to determine what they are paying per mile and what they get for it. What exactly is it they are doing, obviously if they've been doing it for years, it's less expensive than starting from zero. That may be the best way to start. Mr. Smith agreed, he was planning on reaching out to other Cities, it's a good starting point.
- ix. Mr. November pointed out that the budget is being defined for next year, now, so time is an issue. Perhaps the report doesn't need to be exhaustive, some key data points may be enough if they are compelling. Ms. Fraser suggested Staff identify the kind of information to look for and the Commissioners could help with the research. That may be the quickest way to get the info. Mr. Flagg continued, the reports presented every month are great but if they were embellished or more detailed it would be more beneficial.
- x. Staff will identify other City's as examples of a maintenance plan and also review what the definition of maintain/trim in the City's Continuous Maintenance Contract with Lewis Tree. Mr. November asked what would be the latest to have this information. Mr. Pappas said we are in budget now and goes to MBRC in June. CM Salem pointed out it may be too late in this cycle. Mr. Flagg added, we don't know how much to ask for, the what and the why have not been established. How aggressive is the ask? CM Salem said it would be better to have good data you can back up and be comfortable with than rush something through and it's shot down then the second ask is harder. Mr. Pappas added one of the components of this proposal is increasing the maintenance percentage so no matter what the budget is if this comes in after the budget comes through, if the increase in percentage goes up, the increase in contribution from the tree fund would take place at that time. That can happen after the budget and come later and then next year the budget increase could be addressed from general fund, which would also be reflected in the higher percentage. There's a lot that goes into the preparation of the budgets and I'm not sure how quickly this can all be vetted and detailed enough to understand to move forward.

- xi. Ms. Grandin asked Mr. November if the increased percentage was 40% what is the suggested increase from the general fund be. Mr. November replied \$300,000. Mr. Pappas added, without knowing what those numbers reflect, it's premature to look at them. Ms. Grandin is trying to determine the wording of the possible ordinance to increase the percentage. Mr. November suggested that be done after the general fund budget was increased. Ms. Grandin pointed out if the community isn't going to go along with the increased percentage unless the general fund budget is increased e.g., "so long as the general fund increases this much this can happen..." Mr. November continued as this is such a priority for a lot of community groups we may be able to help and maybe by May, have something a little more defined. This is so important for our canopy, maybe we don't do the full amount and make a pilot program to investigate what this will look like for the following year.
- xii. Mr. Pope pointed out the issue of adding a staff member and increasing the percentage could be done by ordinance and doesn't have anything to do with the budget. That's where the priority should be. Reasons need to be determined on why these things are required. Mr. Smith will reach out to Cities which have similar canopy, etc. Mr. Pappas will meet with the Mr. Smith and his team to help determine how best to move forward.
- xiii. Ms. Fraser asked if Mr. Anderson will give a presentation on what JEA's maintenance program consists of and how they prioritize next month.

8. Public Comment –

- a) Mr. M. Robinson asked who does the landscape maintenance of the Federal Courthouse. Mr. Pappas responded not the City. Mr. M. Robinson continued the Crepe Myrtles were just butchered.

9. Adjournment – the next meeting is scheduled for Wednesday, April 20th, 2022 at 9:30am and will be a Hybrid/Zoom meeting in Ed Ball Building, 10th Floor, Public Works Office, conference room 5.

3/22/2022

Attachment A



TREE MITIGATION

CITY OF JACKSONVILLE

TREE REMOVAL PERMIT INFORMATION

Click here to search detailed information on Site Cleaning and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab, for "L" permits click on the Tree Mitigation tab.



TREE FUND CITY PLANTING PROJECTS

Click here to search detailed information about City Tree Fund Planting Projects.



AVAILABLE FOR APPROPRIATION

15F (Ordinance) \$14,026,362.98
15N (Charter) \$7,286,361.20
Better Jacksonville Plan - Tree Mitigation Project \$1,717,826.00
Total: \$23,030,550.18



FILE AN ISSUE

Click here to report site cleaning or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.



Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.

If you experience difficulty viewing or accessing the documents provided on this site, or navigating the application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

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Version: 1.0.0.5

Available Balance, Revenues, and Expenditures by month

3/22/2022

15305-Tree Protection & Related Expenditures

	22-Mar	28-Feb	22-Jan	Dec-21	Nov-21	Oct-21	Sep-21	Aug-21	Jul-21	Jun-21	May-21	Apr-21	Mar-21
Cash	24806218.92	24,637,215	24,637,216	24,280,548	24,332,781	24,154,812	24,120,871	24,273,314	24,208,120	24,233,628	24,296,712	24,238,457	24,580,027
Liabilities	(4,696)					(69,370)	289,152				(62,366)	(11,748)	(66,234)
Budget	(15,933,978)	(15,933,978)	(15,931,766)	(15,931,766)	(15,931,766)	(15,931,766)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(16,566,131)
BUDGET RESERVE	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030	3,701,030
Actual Expenditures	1,457,787.92	1,010,603.51	986,207.75	687,961.12	52,476.98	8,124.07	2,913,023.71	2,219,204.17	1,889,133.68	1,627,676.35	1,383,772.16	1,112,339.38	323,911.09
Net Budgeted Expenditures	(10,775,160.10)	(11,222,344.51)	(11,244,528.26)	(11,542,774.90)	(12,178,259.04)	(12,222,611.95)	(11,952,072.21)	(12,645,096.75)	(12,975,967.24)	(13,237,424.57)	(13,481,328.76)	(13,752,761.54)	(12,541,189.83)
Available Balance Total	14,026,363	13,414,871	13,392,688	12,737,773	12,154,522	11,862,830	12,457,945	11,627,417	11,232,152	10,996,203	10,753,017	10,473,947	11,972,603
Revenues	458,082	233,496	582,333	62,106	565,566	241,571	621,825	365,596	246,595	199,131	278,160	489,015	666,630
Expenditures	447,184	24,396	298,247	635,484	44,353	8,124	693,820	330,070	261,457	243,904	271,433	788,428	323,911

15305-Tree Migration & Related Expend

Cash	7,331,959	7,284,319	7,202,739	7,119,304	7,068,229	7,031,407	6,871,102	6,838,495	6,724,585	6,682,138	6,664,975	6,590,547	6,751,737
Liabilities													
Budget	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(48,920)	(48,920)	(48,920)	(48,920)	(48,920)	(48,920)	(218,961)
BUDGET RES.	1	1	1	1	1	1	1	1	1	1	1	1	1
Actual Expenditures	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321
Net Budgeted Expenditures	(42,275)	(42,275)	(42,275)	(42,275)	(42,275)	(42,275)	(45,598)	(45,598)	(45,598)	(48,919)	(48,919)	(48,919)	(178,200)
Available Balance Total	7,289,684	7,242,044	7,160,464	7,077,029	7,025,954	6,989,132	6,825,504	6,792,897	6,678,987	6,633,219	6,616,056	6,541,628	6,573,537
Revenues	47,640	81,580	83,436	51,075	36,822	64,506	125,405	113,910	45,768	17,163	74,428	57,771	(178,200)
Expenditures									3,321				

Budget Balance of Appropriated Expenditures

Center

Activity

Remaining FY 21 Open Remaining
Budget Expenditures Purchase Orders Balance

151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000189-5Th & Cleveland Ash Site Tree Planting	6,593.80	-	6,593.80	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000075-Brown's Dump Ash Site Tree Planting	884.25	-	884.25	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	000000378-County-Wide Tree Prog-Right Of Way	2,192,787.27	747,690.20	338,441.27	1,106,656
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000429-Ouval County School Board Property	92,243.50	-	-	92,244
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	000000541-Hammond Blvd Project	35,140.70	8,237.90	16,619.80	10,283
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000604-Intersec,Bridge,Misc 09-10 Landscaping	18,467.68	-	-	18,468
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	000000651-King St Planting College To Park	8,724.53	-	8,724.53	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000744-North Main Street Landscaping	9,155.68	-	-	9,156
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000982-Tree Protection & Related Expenses	1,436,949.08	-	-	1,436,949
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001035-Mandarin Road Tree Planting	74,601.00	-	-	74,601
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001036-Springfield Preservation Tree Planting	220,408.45	8,961.61	230.17	211,217
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001315-Level 2 Tree Planting Program	4,434,789.19	464,447.68	1,796,429.84	2,173,912
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001316-Moncrief Rd Beautification Project	180,705.21	13,353.86	27,112.73	140,239
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001345 District 8 Tree Planting	52,767.40	-	52,767.40	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001606-Sulzbacher Village Level 3 Tree Planting	20,752.30	4,672.40	5,692.40	10,388
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001607-Huguenot Park Level 3 Tree Planting	72,207.20	-	72,207.20	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001623-Level 3 Tree Planting Program	825,213.40	-	275,962.75	549,251
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	All Activity Values	9,682,390.64	1,247,363.65	2,601,666.14	5,833,561

151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg	All Activity Values	5,994.50	-	5,994.50	-
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151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag	All Activity Values	532,545.04	-	-	-
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151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource	All Activity Values	514,854.00	-	-	-
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154006-PWML Tree Maintenance - Other Physical Environment	All Activity Values	373,253.63	22,633.85	18,311.86	-
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154007-PWML 630-City Tree Planting Prog - Other Physical Environment	All Activity Values	1,517,703.84	174,366.84	285,271.56	-
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154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M	All Activity Values	9,428.34	-	9,428.34	-
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154009-PWML Zoo Landscaping Asian Exhibit - Conservation and Resource Management	All Activity Values	1,031,432.38	-	-	-
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191015-JXSF Conservation and Resource Management	00000981 Tree Protection & Related Expenditures-Activity	2,266,375.86	-	-	-
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All Center Values	All Activity Values	15,933,978.23	1,444,364.34	2,920,672.40	-
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153104-PWCP Public Works Capital Projects - Road and Street Facilities	Better Jacksonville Plan	1,717,826.00	-	-	1,717,826
------------------------------------------------------------------------	--------------------------	--------------	---	---	-----------

Recent Expenditure Appropriations impacting available balance

<u>Fund</u>	<u>Budget Period</u>	<u>Total Budget</u>	<u>Description</u>
15304	10/19/20	2,000,000	Ord. 2019-745 Countywide program - public right of ways
15304	Jan-20	2,000,000	Ord. 2019-880 - Level 2 Tree Planting Program
15304	Feb-20	2,000,000	Ord. 2019-886 - 630-CITY Level 1 Tree Planting Program
15304	Apr-20	72,298	Ord. 2020-0114 -Level 3 Planting - project near Sulzbacher Village Apartments
15304	Apr-20	105,587	Ord. 2020-113 - Level 3 Tree Planting project at Huguenot Park
15304	Jun-20	1,000,000	Ord. 2020-213 - Level 3 Tree Planting Program
15304	Dec-20	2,000,000	2020-0616-E to "630-City Tree Planting Program" to Provide Tree Planting Administered by Public Works in the Public Rights-of-Way in Locations Where Adjacent Property Owners Have Made Requests thru 630-City
15304	Jan-21	2,000,000	2020-0732-E ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on Public Land in Duval County Suggested by Individuals or Groups
15304	April -21	2,000,000	2021-0144-E - ORD Approp \$2,000,000 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the County-Wide "Remove and Replace" Prog:
15304	9/12/21	2,000,000	2021-0455-E - ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on Public Land in Duval County
15304	2/24/2022	1,950	BT22-041 COLA
15304	2/24/2022	28	BT22-041 COLA
15304	2/24/2022	6	BT22-041 COLA
15304	2/24/2022	228	BT22-041 COLA

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

ATTACHMENT B

Visit <https://pg-cloud.com/jacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreeemifigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
1 Kensington Association HOA Director	54 trees requested within Kensington Lakes city right of ways along Kensington Gardens Blvd. and Kensington Lakes Dr to replace trees lost due to storm damage/disease; may include removals. Planting Plan pending.	Maintenance/Warranty Complete	\$124,202.62	\$124,202.62	Davey -1/yr
2 Cathedral District Tree Planting	50+ trees requested as Cathedral District (CD7) tree planting, may include removal of damaged/diseased trees. City right of way tree plantings within general proximity but not limited to State St to Catherine St. to Main St. to Adams St., site evaluation scheduled	Complete	\$120,371.14		Liberty 2/yr
3 Executive Director, Tree Hill Nature Center	22 trees requested in Tree Hill amphitheater parking area, site plan complete; no removals required; ready for review pending cost estimate per new countywide tree planting contract.	Maintenance/Warranty Complete	\$21,472.80	\$21,472.80	Liberty 3/mos
4 San Marco Preservation Society and Greenscape, San Marco Tree Planting	102 Trees requested in city right of ways within District 5, includes removal of damaged/diseased trees; site evaluation scheduled	Maintenance/Warranty Complete	\$247,749.52	\$247,749.52	Davey -1/yr
5 Sheffield Elementary School PTA President	10 Trees requested to provide shade for existing play area/field at Sheffield Elementary School; site visit complete - pending design and review.	Installation Complete	\$20,414.48		Davey -1/yr
6 S-Line Biodiversity Corridor Tree Planting	Installation of 25 trees throughout the S-Line Trail Biodiversity Corridor. This will offer additional tree canopy and shade to the trail.	Maintenance/Warranty Complete	\$30,949.40	\$30,949.40	Liberty 3/mos
7 Canopy Place Tree Planting/resident request	Installation of 40 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	Installation Complete	\$117,483.97		Davey -1/yr
8 Sunrise Ridge/resident request	Installation of 40 tree in city right of ways to increase tree canopy as well screening and buffer from adjacent highway.	Maintenance/Warranty Complete	\$107,316.52	\$107,316.52	Davey -1/yr
9 Jacksonville Beach Golf Park/Jax Beach	Installation of 156 trees in city golf course park to increase tree canopy, create screening, and attract wildlife.	Maintenance/Warranty Complete	\$147,562.80	\$147,562.80	Liberty 3/mos
10 Yates Building - Cultural Council of Greater Jacksonville	8 Trees to be installed around renovated fountain at building entrance	Installation Complete	\$38,312.00		Liberty 2/yr
11 City Cemetery - citizen request	18 Trees in right of ways on Ionia St. and Jessie St.	Installation Complete	\$41,350.50		Liberty 2/yr
12 Baymeadows East Association Tree Planting	119 Trees in right of ways and medians on Baymeadows East and Fort Family Regional Park	Installation Complete	\$284,900.07		Davey -1/yr

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/JacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreemitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
13 Cobblestone Homeowners Association/residential requests/HOA	Installation of 105 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	Installation Complete	\$191,322.00		Liberty 2/yr
14 Ed Austin Park Tree Planting/Resident request	115 Trees in right of ways around and within Willowbranch Park	Installation Complete	\$214,822.00		Liberty 2/yr
15 Neptune Beach/Residential requests - City of Neptune	Trees within residential Right of Ways - 47 trees	Installation Complete	\$55,490.00		Liberty 3/mos
16 Nathan Krestul Park - Friends of Krestul Park	Trees within Park - 34 trees	Installation Complete	\$95,580.00		Liberty 2/yr
17 John Gorrie Dog Park/Friends of John Gorrie Dog Park	Trees along Park Right of Way - Buffer - 11 Trees	Installation Complete	\$23,166.00		Liberty 2/yr
18 Alexandria Oaks Park/SMPS and Bolles School request	Trees within Park - 15 trees	Installation Complete	\$28,593.00		Liberty 2/yr
19 Huntington Forest Park/Resident request to CM	Trees along Park Right of Way - Buffer - 15 trees	Installation Complete	\$28,026.00		Liberty 2/yr
20 Love Grove/Willowbranch	Trees in right of ways around and within Willowbranch Park - 51 Trees	Phase 1 Complete	\$93,742.00		Liberty 2/yr
21 Greenland Park/residents adjacent to park	Trees within Park - 53 trees	Installation Complete	\$95,580.00		Liberty 2/yr
22 Harlow Blvd./Resident request	Trees within median on Harlow Blvd. - 47 trees	Installation Complete	\$102,804.00		Liberty 2/yr
23 Atlantic Beach/City of Atlantic Beach	Trees within Atlantic Beach residential Right of Ways and Parks - 96 trees	Installation Complete	\$194,532.00		Liberty 2/yr
24 Lake Mandarin HOA Tree Planting/Resident request	Trees within 4 HOA's residential Right of Ways and Parks - 94 trees	Installation Complete	\$190,168.00		Liberty 2/yr
25 Tom Marshall Park/Sports Association	Trees within ballpark and right of ways - 39 trees	Installation Complete	\$69,336.00		Liberty 2/yr
26 Boat Ramps/Waterfront Management	Trees within 7 boat ramps and parks - 62 trees	Installation Complete	\$111,132.00		Liberty 2/yr

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/jacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreemitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
27	Freedom Park/CM & Parks	Trees within newly established park (Irrigated) - 38 trees	Installation Complete	\$38,548.00	Liberty 3/mos
28	Blue Cypress Park Restoration/Parks	Trees within park - field restoration - 157 trees	Installation Complete	\$187,154.40	Liberty 3/mos
30	Reddie Point Park/CM and Parks	Trees within park - field restoration - 27 trees	Installation Complete	\$53,055.00	Liberty 2/yr
31	Twin Lakes Academy ES/School	Trees within school grounds and ROW - 66 trees	Installation Complete	\$122,553.00	Liberty 2/yr
32	Atlantic Beach/City of Atlantic Beach Phase 2	Trees within Atlantic Beach residential Right of Ways and Parks - 133 trees	Installation Complete	\$164,404.80	Liberty 3/mos
33	Kernan Blvd./CM	Trees within medians and Row of Kernan Blvd. - 132 trees	Installation Complete	\$276,722.50	Liberty 2/yr
34	Amelia View/residential	Trees within medians and ROW in Amelia View community - 73 trees	Installation Complete	\$145,395.00	Liberty 2/yr
35	Whitehouse Park/Parks and residential	Trees within play area and recreational fields. - 29 trees	Installation Complete	\$54,594.00	Liberty 2/yr
36	Baker Point Park/Parks and residential	Trees within park undergoing improvements - 8 trees	Installation Complete	\$17,091.00	Liberty 2/yr
38	Fort Caroline Rd. Tree Planting	Trees within right of way along Fort Caroline Rd. 66 trees	Scheduling <i>IP</i>	\$165,793.50	2-Year Warranty
39	Norfolk Sourcel Tree Planting	Trees within medians and right of way along Norfolk Blvd 36 trees	Scheduling	\$85,000.00	2-Year Warranty
40	Jax Beach Park and ROW	Trees within parks and right of way. 150 trees	In Progress	\$277,789.50	
41	Gold Star Family Memorial Highway	Trees within retention pond and right of way. 200 trees	Installation Complete	\$466,296.00	2-Year Warranty

The City of Jacksonville Parks Department has requested a tree planting at Fishweir Park, based on a citizen request. This park is in City Council District 14 and was developed through close collaboration with the parks department based on ongoing improvements to the park. Much of the tree plantings at this location will surround a newly built walking trail to provide canopy to the users of the trail and provide a more forested habitat to explore. In addition, several trees will be planted along Valencia road to create greater urban forest canopy over this roadway and provide ecosystem services to the community. This planting calls for a total of 21 trees being planted, with all of them being larger native shade trees. There are no removals being required as part of this planting project and there are no palms included in the planting plan either. To see a map of the project, please see: <https://pg-cloud.com/jacksonvilleFL/?scenario=Fishweir>. All trees will be planted on public right of way or within parks within the boundaries of Duval County.

Description:

Scope of Work

Fishweir Park Level II



LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then use this form.

Requirements to utilize this program:

1. The location of the proposed planting must be:
 - a. in Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

Complete the following information below:

1. Name/title of project: Fishweir Park

2. Legal name of organization/citizen making suggestion:

City of Jacksonville Parks

3. Organization or citizen mailing address:

214 N Hogan St.

4. Contact phone number: 904-255-7906

Contact e-mail: KMcGovern@coj.net

5. Location/address of planting project:

Fishweir Park

6. Has project information been shared with the Council Member of the district? Yes

7. Rationale for project (include information about the public benefit of the project):

Enhance canopy surrounding a newly built trail and along Valencia road.

8. Description of project:

This requires the planting of 21 trees surrounding a new walking trail and on city right of way adjacent to Valencia road to provide greater canopy for this neighborhood.

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

****To Be Completed By City of Jacksonville/Public Works Staff Only****

Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed 21

Project Title:

Project is to be planted on Public Land

Total number of trees to be removed 0

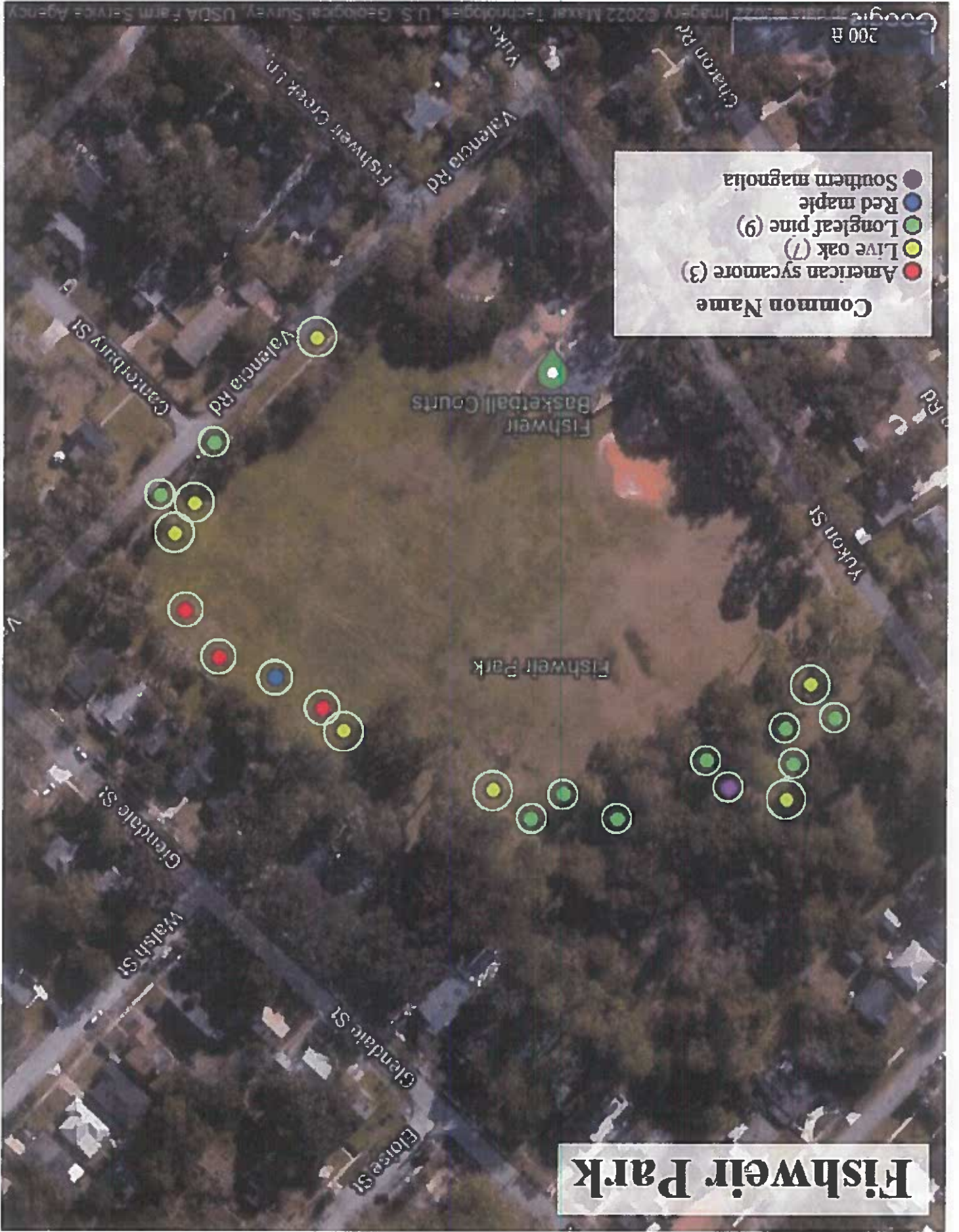
Fishweir Park

Project is located in Duval County

Activity

	Complete
1 The species of trees are appropriately located.	✓
2 The number and placement of trees is appropriate.	✓
3 Trees being planted are approved pursuant to the ' <u>Tree Commission Approved Tree Planting List</u> '.	✓
4 Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.	✓
5 Less than 25% of the total species of trees being planted are palms.	✓
6 The planting will not interfere with utilities or sight line requirements.	✓
7 The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.	✓
8 Construction required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	✓
9 Irrigation installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	✓
10 The cost of the species of trees selected do not outweigh the benefits of the trees.	✓
11 Low maintenance plants are utilized.	✓
12 Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads.	✓
13 Species of trees being planted are beneficial to the City's tree canopy.	✓
14 The project provides unique benefit to the neighborhood, Council District, or City.	✓
15 The project has been reviewed with and meets the needs of the requesting entity.	✓
16 The Councilmember has been notified of the project.	✓

COMMENTS:



Fishweir Park Level II

No.	Description	Unit	Quantity	Unit Price*	Extended Price
1	<i>Quercus virginiana</i> 'Live Oak' 3" Cal., 12' Hgt., 6' Spd., 65G or 36" B&B	EA	7	\$2,106.00	\$14,742.00
2	<i>Platanus occidentalis</i> 'American Sycamore' 3" Cal., 12' Hgt., 6' Spd., 65G or 36" B&B	EA	3	\$1,701.00	\$5,103.00
3	<i>Acer rubrum</i> 'Red Maple' 3" Cal., 12' Hgt., 6' Spd., 65G or 36" B&B	EA	1	\$2,025.00	\$2,025.00
4	<i>Magnolia grandiflora</i> 'Southern Magnolia' 3" Cal., 10' Hgt., 5' Spd., 65G or 36" B&B	EA	1	\$2,106.00	\$2,106.00
5	<i>Pinus palustris</i> 'Longleaf Pine' 3" Cal., 12' Hgt., 6' Spd., 65G or 32" B&B	EA	9	\$1,782.00	\$16,038.00
Subtotal Tree Installation			21		\$40,014.00

utilize the trail.

Proposed large canopy trees to flank new concrete trail way; will provide shade to those who

Catherine Hester McNair Park – 551 W. 25th St.

walkways in park.

Proposed large canopy trees to shade newly installed playground, (proposed) benches, and

Long Branch Park – 4110 Franklin St.



below)

and other aesthetic benefits for the site while keeping open areas clear for recreation. (see photos remaining trees are proposed on the perimeter/outskirts of the park to define the park where A few proposed trees will shade concert seating area – installed around perimeter. The

A. Phillip Randolph – 1096 A. Phillip Randolph Blvd.

improvements in the last year (see descriptions below). Proposed trees are native, large canopy trees. The trees will include one-year warranty/maintenance.

Level 2 Tree Planting Project designated for four District 7 Parks that have undergone

District 7 – Level 2 Tree Planting

ONE CITY, ONE JACKSONVILLE





ONE CITY. ONE JACKSONVILLE

Springfield Dog Park – 949 Hubbard St.

Proposed trees (Bald Cypress, Red Maples) will absorb water from dog park and provide shade for dog park users. Trees to be planted in perimeter areas of park to allow open space for dogs. Limits of dog park have recently been revised; fence and walkway have moved away from Hogan's creek due to overflow and drainage swales have been constructed to divert flow of water; construction is currently nearing completion.

For further details, please visit: <https://pg-cloud.com/jacksonvilleFL/?scenario=district-7-tree-planting>



LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then this form should be used.

Requirements to utilize this Program:

1. The location of the proposed planting must be:
 - a. In Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.

The following information must be provided:

1. Name/Title of Project: District 7 Tree Planting to include: A. Phillip Randolph Park, Long Branch Park, Springfield Dog Park, Catherine Hester McNair Park

2. Legal Name of Organization/Citizen Making Suggestion: **COJ Parks**

3. Organization or Citizen Mailing Address: **214 N. Hogan St.**

4. Contact Phone Number: **255-7906** Email: **kmcgovern@coj.net**

5. Location/Address of Planting Project:

- **A. Phillip Randolph Park – 1096 A. Phillip Randolph Blvd.**

- **Long Branch Park – 4110 Franklin St.**

- **Springfield Dog Park – 949 Hubbard St.**

- **Catherine Hester McNair Park – 551 W. 25th St.**

6. Has project information been shared with the Council Member of the district? **Yes**

7. Rationale for Project (include information about the public benefit of the project): **These parks have received improvements such as drainage swales, benches, and walkways that would benefit from the addition of shade trees.**

8. Description of project:

- **A. Phillip Randolph Park – Trees proposed along perimeter of park and perimeter of stage to provide shade**

- **Long Branch Park – Trees proposed around perimeter of newly installed playground and walk.**

- **Springfield Dog Park – Trees proposed along new walk; park recently regraded for flooding issues.**

- **Catherine Hester McNair Park – Trees proposed along new walkways to provide shade.**

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following

link: <http://www.col.net/departments/public-works/tree-commission>.

Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed 55

Project Title:

DISTRICT 7 TREE PLANTING

Project is to be planted on Public Land

Total number of trees to be removed 0

Project is located in Duval County

Activity

	Activity	Complete
1	The species of trees are appropriately located.	✓
2	The number and placement of trees is appropriate.	✓
3	Trees being planted are approved pursuant to the <u>Tree Commission Approved Tree Planting List</u> .	✓
4	Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.	✓
5	Less than 25% of the total species of trees being planted are palms.	✓
6	The planting will not interfere with utilities or sight line requirements.	✓
7	The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.	✓
8	Construction required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	
9	Irrigation installed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, are costs reasonable?	
10	The cost of the species of trees selected do not outweigh the benefits of the trees.	✓
11	Low maintenance plants are utilized.	✓
12	Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads.	✓

DISTRICT 7 TREE PLANTING - PARKS*

A. Phillip Randolph Park - 1096 A. Phillip Randolph Blvd.

No.	Description	Unit	Quantity	Unit Price*	Extended Price
1	<i>Quercus virginiana</i> Live Oak 4" Cal., 14' Ht., 8' Spd., 100 G or 40" B&B	EA	7	\$2,500.00	\$17,500.00
2	<i>Ulmus americana</i> 'Creole Queen' Elm 4" Cal., 14' Ht., 4' Spd., 100 G or 40" B&B	EA	5	\$2,900.00	\$14,500.00
3	<i>Quercus nuttallii</i> Nuttall Oak 4" Cal., 14' Ht., 4' Spd., 100 G or 40" B&B	EA	13	\$2,400.00	\$31,200.00
Subtotal Tree Installation					\$63,200.00

Long Branch Park - 4110 Franklin St.

No.	Description	Unit	Quantity	Unit Price*	Extended Price
4	<i>Quercus virginiana</i> Live Oak 4" Cal., 14' Ht., 8' Spd., 100 G or 40" B&B	EA	2	\$2,500.00	\$5,000.00
5	<i>Ulmus alata</i> Winged Elm 4" Cal., 14' Ht., 4' Spd., 100 G or 40" B&B	EA	3	\$2,900.00	\$8,700.00
Subtotal Tree Installation					\$13,700.00

Springfield Dog Park - 949 Hubbard St.

No.	Description	Unit	Quantity	Unit Price*	Extended Price
6	<i>Acer rubrum</i> Red Maple 4" Cal., 14' Ht., 8' Spd., 100 G or 40" B&B	EA	2	\$2,300.00	\$4,600.00
7	<i>Toxodium distichum</i> Bald Cypress 4" Cal., 14' Ht., 8' Spd., 100 G or 40" B&B	EA	7	\$2,100.00	\$14,700.00
Subtotal Tree Installation					\$14,700.00

Catherine Hester McNair Park (Brentwood) - 551 W. 25th St.

No.	Description	Unit	Quantity	Unit Price*	Extended Price
6	<i>Ulmus alata</i> Winged Elm 4" Cal., 14' Ht., 4' Spd., 100 G or 40" B&B	EA	5	\$2,900.00	\$14,500.00
7	<i>Quercus nuttallii</i> Nuttall Oak 4" Cal., 14' Ht., 4' Spd., 100 G or 40" B&B	EA	6	\$2,400.00	\$14,400.00
8	<i>Quercus virginiana</i> Live Oak 4" Cal., 14' Ht., 8' Spd., 100 G or 40" B&B	EA	5	\$2,500.00	\$12,500.00
Subtotal Tree Installation					\$14,400.00
					55
					\$106,000.00

* unit prices based on delivery, installation, and 1-year warranty of plant material

A. Phillip Randolph Park 1096 A. Phillip Randolph Blvd. District 7



Long Branch Park 4110 Franklin St. District 7



Catherine Hester McNair Park 551 W. 25th St. District 7.



Future Duck
Early Learning

Oak Arbor Cir

Live oak

Live oak

Winged elm

Nuttall Oak

Winged elm

Live oak

Live oak

Winged elm

Nuttall Oak

Winged elm

Winged elm

Nuttall Oak

Nuttall Oak

Nuttall Oak

Live oak

W 27th St

W 26th St

W 26th St

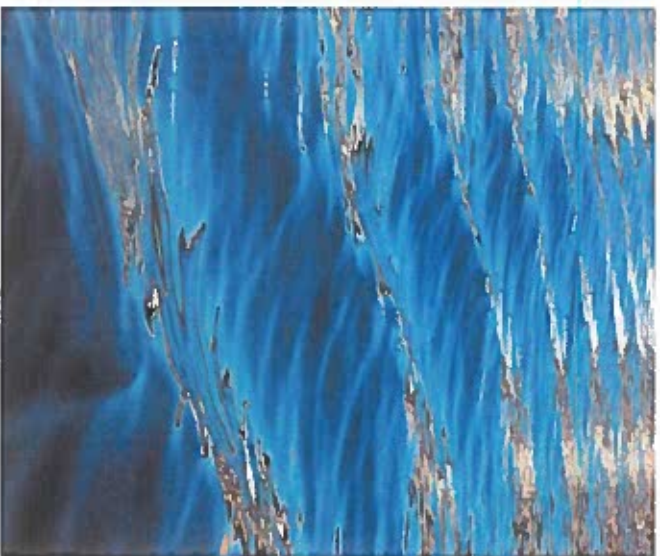
W 27th St

Springfield Dog Park 949 Hubbard St. District 7





Tree Planting Comparisons



City Staff Totals

City Staff Projects	Total Trees Planted as of 2/28	Cost	Cost per Tree
630 City	3,729	\$4,803,406.00	\$1,309.19
Level 2/ Legislation	3,507	\$4,763,316.72	\$1,358.23
Remove/Replace	877	\$1,049,184.70	\$1,196.33
<u>City Staff Totals</u>	<u>8,113</u>	<u>\$10,622,837.42</u>	<u>\$1,287.92*</u>

*This value represents the average cost per tree across the three project types.

Level 3 Project Totals

Project Name	Total Trees Planted as of 2/28	Cost	Cost per Tree
Hugeunot Park	Contract cancelled		
Sulzbacher Center	49	\$72,298.00	\$1,475.47
Jacksonville Zoo	246	\$209,000.00	\$849.59
Jacksonville Equestrian Center	99	\$218,343.00	\$2,205.48
Level 3 Total Trees and Costs	394	<u>\$499,641.00</u>	<u>\$1,510.18*</u>

*This value represents the average of total cost per tree across all level 3 projects.

Comparison of Project Totals

Project Type	Total Trees Planted	Total Costs	Average Cost per Tree
City Staff Programs	8,113	\$10,622,837.42	\$1,287.92
Level 3 Total Trees and Costs	394	\$499,641.00	\$1,510.18

*Excludes staff hours for each project.

Staff Hours Per Level 3 Project

Staff Member	Huguenot Park	Sulzbacher Center	Equestrian Center	Jacksonville Zoo
Landscape Architect	50	50	50	16
Arborist	50	50	50	16
Urban Forest Manager	16	16	16	5
Associate Urban Forester	5	5	10	0
Urban Forester	3	0	0	0
In-House Tree Crew	8	0	0	0



**Establishing a Proactive Tree Maintenance Program to
Enhance the Health of Jacksonville's Tree Canopy**

By John Henry November Esq.
Executive Director & General Counsel



**PUBLIC
TRUST**
FOR CONSERVATION

Jacksonville's Tree Canopy is Massive

- Based on a tree inventory completed by the City in 2019, there are approximately 400,000 trees on public property in Jacksonville.
- There are approximately 2000 miles of roadways in Jacksonville with trees which require maintenance. Lewis Tree Service is the City's contractor which maintains/trims the City's tree canopy.
- It is estimated that on average, it takes a 4-man crew around 40 hours to trim one mile of roadway. The current cost on the city's continuous maintenance contract with Lewis Tree Service for each 4-man crew is \$164 per hour.
- Therefore, each mile of roadway canopy maintenance costs the city around \$6,560 (40 Hours x \$164 per hour.)





Proactive Maintenance = A Healthier Canopy

- The more often city trees are pruned/trimmed the healthier our canopy will be. Various industry standards direct that pruning cycles in cities should be once every 5-8 years.
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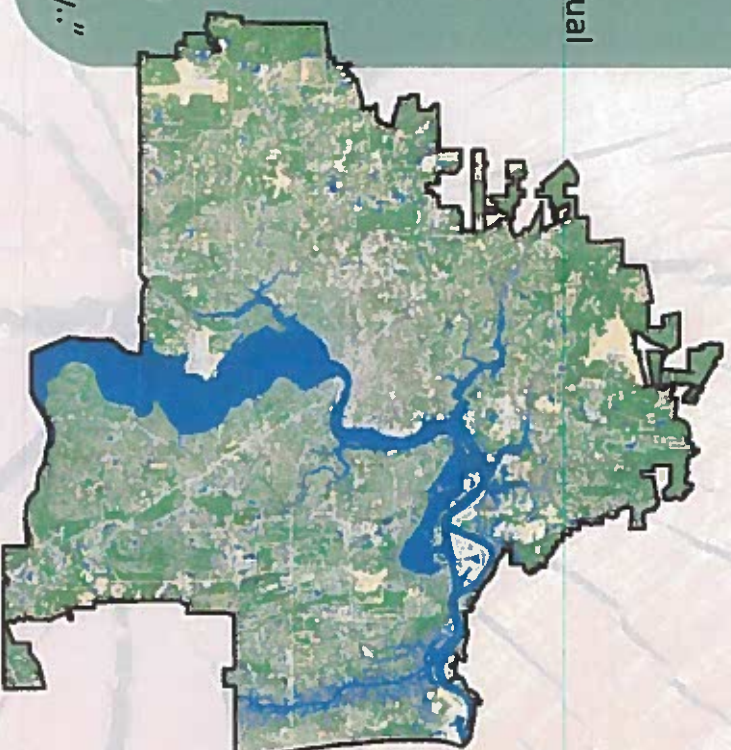
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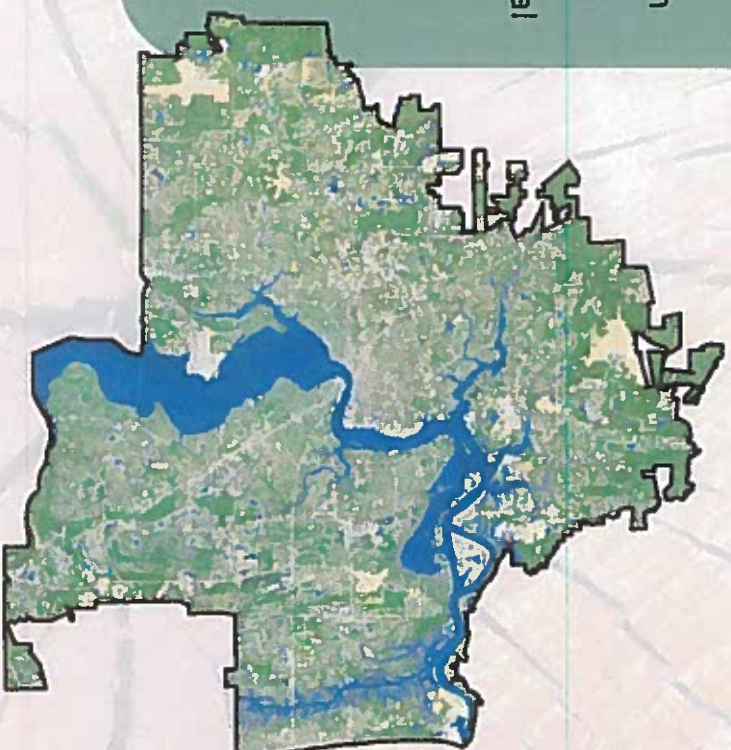
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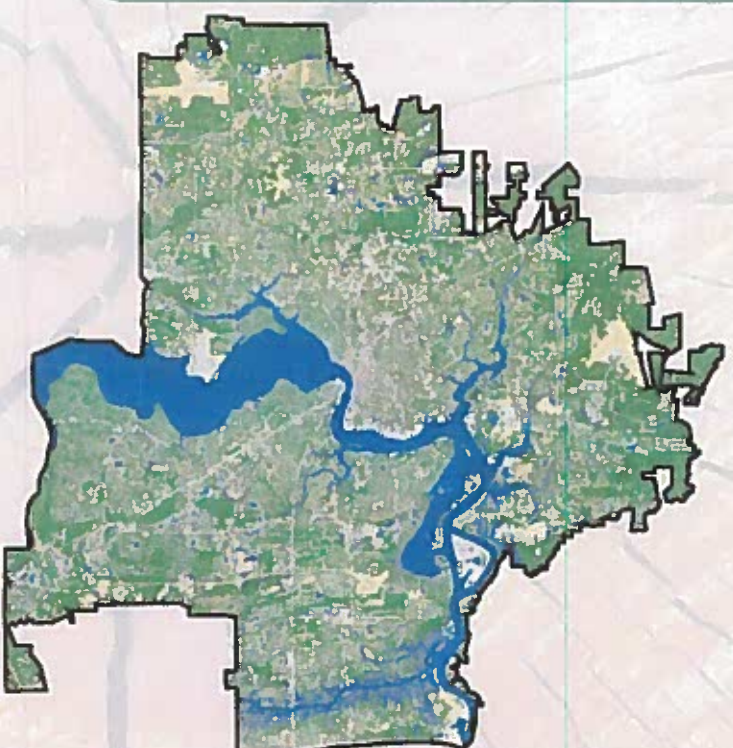
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These corresponding increases from the general budget and the tree fund match would provide the needed total trimming budget of \$1,305,600 ($\$693,750 + \$300,000 + \$311,850 = \$1,305,600$).



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- Request staff to further analyze what level of tree health could be achieved with increase in trimming/pruning budget.
- Develop a priority list to make sure we are maintaining trees planted 5-10 years ago to maximize impact of proactive maintenance.
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John November Esq.

904-525-3042

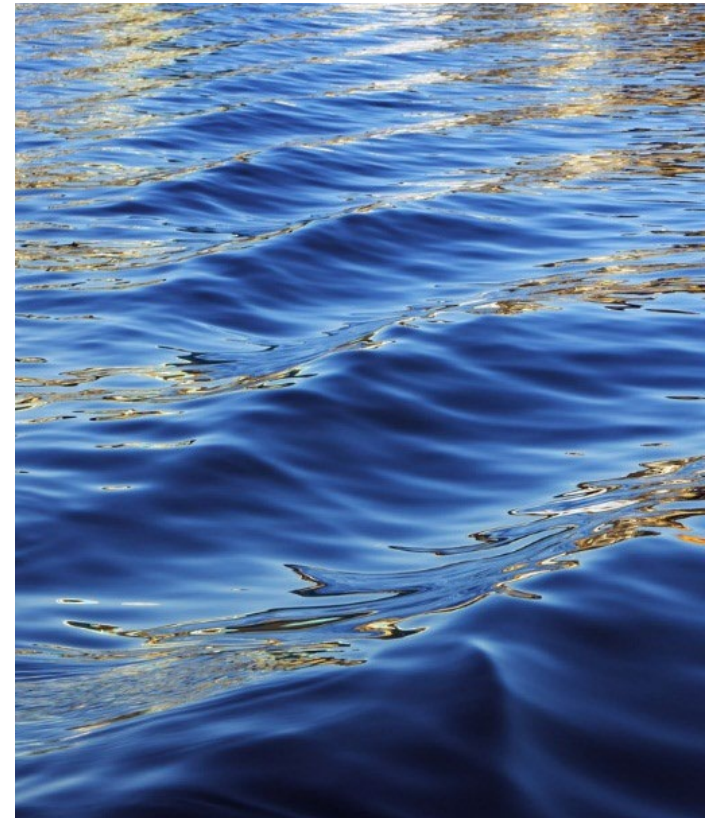
John@PublicTrustLaw.Org



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Tree Planting Comparisons



City Staff Totals

City Staff Projects	Total Trees Planted as of 2/28	Cost	Cost per Tree
630 City	3,729	\$4,803,406.00	\$1,309.19
Level 2/ Legislation	3,507	\$4,763,316.72	\$1,358.23
Remove/Replace	877	\$1,049,184.70	\$1,196.33
<u>City Staff Totals</u>	<u>8,113</u>	<u>\$10,622,837.42</u>	<u>\$1,287.92*</u>

*This value represents the average cost per tree across the three project types.

Level 3 Project Totals

Project Name	Total Trees Planted as of 2/28	Cost	Cost per Tree
Hugeunot Park	Contract cancelled		
Sulzbacher Center	49	\$72,298.00	\$1,475.47
Jacksonville Zoo	246	\$209,000.00	\$849.59
Jacksonville Equestrian Center	99	\$218,343.00	\$2,205.48
<u>Level 3 Total Trees and Costs</u>	394	<u>\$499,641.00</u>	<u>\$1,510.18*</u>

*This value represents the average of total cost per tree across all level 3 projects.

Comparison of Project Totals

Project Type	Total Trees Planted	Total Costs	Average Cost per Tree
City Staff Programs	8,113	\$10,622,837.42	\$1,287.92
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*Excludes staff hours for each project.

Staff Hours Per Level 3 Project

Staff Member	Huguenot Park	Sulzbacher Center	Equestrian Center	Jacksonville Zoo
Landscape Architect	50	50	50	16
Arborist	50	50	50	16
Urban Forest Manager	16	16	16	5
Associate Urban Forester	5	5	10	0
Urban Forester	3	0	0	0
In-House Tree Crew	8	0	0	0



TREE MITIGATION

CITY OF JACKSONVILLE



TREE REMOVAL PERMIT INFORMATION

Click here to search detailed information on Site Clearing and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab; for "L" permits click on the Tree Mitigation tab.



TREE FUND CITY PLANTING PROJECTS

Click here to search detailed information about City Tree Fund Planting Projects.



AVAILABLE FOR APPROPRIATION

15F (Ordinance):	\$14,026,362.98
15N (Charter):	\$7,286,361.20
Better Jacksonville Plan - Tree Mitigation Project:	\$1,717,826.00
Total:	\$23,030,550.18



FILE AN ISSUE

Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.

Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.



If you experience difficulty viewing or accessing the documents provided on this site, or navigating this application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

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Version: 1.0.0.6

Available Balance, Revenues, and Expenditures by month
3/22/2022

	<u>22-Mar</u>	<u>28-Feb</u>	<u>22-Jan</u>	<u>Dec-21</u>	<u>Nov-21</u>	<u>Oct-21</u>	<u>Sep-21</u>	<u>Aug-21</u>	<u>Jul-21</u>	<u>Jun-21</u>	<u>May-21</u>	<u>Apr-21</u>
15304-Tree Protection & Related Expenditures												
Cash	24806218.92	24,637,216	24,637,216	24,280,548	24,332,781	24,154,812	24,120,871	24,273,314	24,208,120	24,233,628	24,296,712	24,238,457
Liabilities	(4,696)					(69,370)	289,152	-	-	(0)	(62,366)	(11,748)
Budget	(15,933,978)	(15,933,978)	(15,931,766)	(15,931,766)	(15,931,766)	(15,931,766)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)	(18,566,131)
BUDGET RESERVE	3,701,030	3,701,030	3,701,030	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21	3,701,030.21
Actual Expenditures	1,457,787.92	1,010,603.51	986,207.76	687,961.12	52,476.98	8,124.07	2,913,023.71	2,219,204.17	1,889,133.68	1,627,676.35	1,383,772.16	1,112,339.38
Net Budgeted Expenditures	(10,775,160.10)	(11,222,344.51)	(11,244,528.26)	(11,542,774.90)	(12,178,259.04)	(12,222,611.95)	(11,952,077.21)	(12,645,896.75)	(12,975,967.24)	(13,237,424.57)	(13,481,328.76)	(13,752,761.54)
Available Balance Total	14,026,363	13,414,871	13,392,688	12,737,773	12,154,522	11,862,830	12,457,945	11,627,417	11,232,152	10,996,203	10,753,017	10,473,947
Revenues	458,082	233,496	582,333	62,106	565,566	241,571	621,825	365,596	246,595	199,131	278,160	489,015
Expenditures	447,184	24,396	298,247	635,484	44,353	8,124	693,820	330,070	261,457	243,904	271,433	788,428
15305-Tree Mitigation & Related Expense												
Cash	7,331,959	7,284,319	7,202,739	7,119,304	7,068,229	7,031,407	6,871,102	6,838,495	6,724,585	6,682,138	6,664,975	6,590,547
Liabilities							-	-	-	-	-	-
Budget	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(45,598)	(48,920)	(48,920)	(48,920)	(48,920)	(48,920)	(48,920)
BUDGET RES.	1	1	1	1	1	1	1	1	1	1	1	1
Actual Expenditures	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	3,321	-	-	-
Net Budgeted Expenditures	(42,275)	(42,275)	(42,275)	(42,275)	(42,275)	(42,275)	(45,598)	(45,598)	(45,598)	(48,919)	(48,919)	(48,919)
Available Balance Total	7,289,684	7,242,044	7,160,464	7,077,029	7,025,954	6,989,132	6,825,504	6,792,897	6,678,987	6,633,219	6,616,056	6,541,628
Revenues	47,640	81,580	83,436	51,075	36,822	64,506	125,405	113,910	45,768	17,163	74,428	57,771
Expenditures				-	-	-	-	-	3,321	-	-	-

Mar-21

24,580,027
(66,234)
(16,566,131)
3,701,030.21
323,911.09
(12,541,189.83)
11,972,603

666,630

323,911

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6,751,737
(218,961)
(48,920)
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(178,200)

-

3/22/2022		Remaining	FY 21	Open	Remaining
Budget Balance of Appropriated Expenditures		Budget	Expenditures	Purchase Orders	Balance
Center	Activity				
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000189-5Th & Cleveland Ash Site Tree Planting	6,593.80	-	6,593.80	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000275-Brown's Dump Ash Site Tree Planting	884.25	-	884.25	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000378-County-Wide Tree Prog-Right Of Way	2,192,787.27	747,690.20	338,441.27	1,106,656
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000429-Duval County School Board Property	92,243.50	-	-	92,244
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000541-Hammond Blvd Project	35,140.70	8,237.90	16,619.80	10,283
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000604-Intersec,Bridge,Misc 09-10 Landscaping	18,467.68	-	-	18,468
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000651-King St Planting College To Park	8,724.53	-	8,724.53	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000744-North Main Street Landscaping	9,155.68	-	-	9,156
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000982-Tree Protection & Related Expenses	1,436,949.08	-	-	1,436,949
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001035-Mandarin Road Tree Planting	74,601.00	-	-	74,601
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001036-Springfield Preservation Tree Planting	220,408.45	8,961.61	230.17	211,217
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001315-Level 2 Tree Planting Program	4,434,789.19	464,447.68	1,796,429.84	2,173,912
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001316-Moncrief Rd Beautification Project	180,705.21	13,353.86	27,112.73	140,239
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001345-District 8 Tree Planting	52,767.40	-	52,767.40	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001606-Sulzbacher Village Level 3 Tree Planting	20,752.30	4,672.40	5,692.40	10,388
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001607-Hugenot Park Level 3 Tree Planting	72,207.20	-	72,207.20	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001623-Level 3 Tree Planting Program	825,213.40	-	275,962.75	549,251
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	All Activity Values	9,682,390.64	1,247,363.65	2,601,666.14	5,833,361
151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg	All Activity Values	5,994.50	-	5,994.50	-
151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag	All Activity Values	532,545.04	-	-	-
151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource	All Activity Values	514,854.00	-	-	-
154006-PWML Tree Maintenance - Other Physical Environment	All Activity Values	373,253.63	22,633.85	18,311.86	-
154007-PWML 630-City Tree Planting Prog - Other Physical Environment	All Activity Values	1,517,703.84	174,366.84	285,271.56	-
154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M	All Activity Values	9,428.34	-	9,428.34	-
154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management	All Activity Values	1,031,432.38	-	-	-
191015-JXSF Conservation and Resource Management	00000981-Tree Protection & Related Expenditures-Activity	2,266,375.86	-	-	-
All Center Values	All Activity Values	15,933,978.23	1,444,364.34	2,920,672.40	-
153104-PWCP Public Works Capital Projects - Road and Street Facilities	Better Jacksonville Plan	1,717,826.00			1,717,826

Recent Expenditure Appropriations impacting available balance

<u>Fund</u>	<u>Budget Period</u>	<u>Total Budget</u>	<u>Description</u>
15304	10/19/20	2,000,000	Ord. 2019-745 Countywide program - public right of ways
15304	Jan-20	2,000,000	Ord. 2019-880 - Level 2 Tree Planting Program
15304	Feb-20	2,000,000	Ord. 2019-886 - 630-CITY Level 1 Tree Planting Program
15304	Apr-20	72,298	Ord. 2020-0114 -Level 3 Planting - project near Sulzbacher Village Apartments
15304	Apr-20	105,587	Ord. 2020-113 - Level 3 Tree Planting project at Huguenot Park
15304	Jun-20	1,000,000	Ord. 2020-213 - Level 3 Tree Planting Program
15304	Dec-20	2,000,000	2020-0616-E to "630-City Tree Planting Program" to Provide Tree Planting Administered by Public Works in the Public Rights-of-Way in Locations Where Adjacent Propty Owners Have Made Requests thru 630-City
15304	Jan-21	2,000,000	2020-0732-E ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on Public Land in Duval County Suggested by Individuals or Groups
15304	April -21	2,000,000	2021-0144-E - ORD Approp \$2,000,000 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the County-Wide "Remove and Replace" Prog; 2021-0455-E - ORD Approp \$2,000,000.00 from the Tree Protection & Related Expenses Trust Fund, Fund 15304, for the Level 2 County-Wide Prog to Provide Tree Planting on
15304	9/12/21	2,000,000	Public Land in Duval County
15304	2/24/2022	1,950	BT22-041 COLA
15304	2/24/2022	28	BT22-041 COLA
15304	2/24/2022	6	BT22-041 COLA
15304	2/24/2022	228	BT22-041 COLA

**Establishing a Proactive Tree Maintenance Program to
Enhance the Health of Jacksonville's Tree Canopy**

**By John Henry November Esq.
Executive Director & General Counsel**



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Jacksonville's Tree Canopy is Massive

- Based on a tree inventory completed by the City in 2019, there are approximately 400,000 trees on public property in Jacksonville.
- There are approximately 2000 miles of roadways in Jacksonville with trees which require maintenance. Lewis Tree Service is the City's contractor which maintains/trims the City's tree canopy.
- It is estimated that on average, it takes a 4-man crew around 40 hours to trim one mile of roadway. The current cost on the city's continuous maintenance contract with Lewis Tree Service for each 4-man crew is \$164 per hour.
- Therefore, each mile of roadway canopy maintenance costs the city around \$6,560 (40 Hours x \$164 per hour.)





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-The more often city trees are pruned/trimmed the healthier our canopy will be. Various industry standards direct that pruning cycles in cities should be once every 5-8 years.

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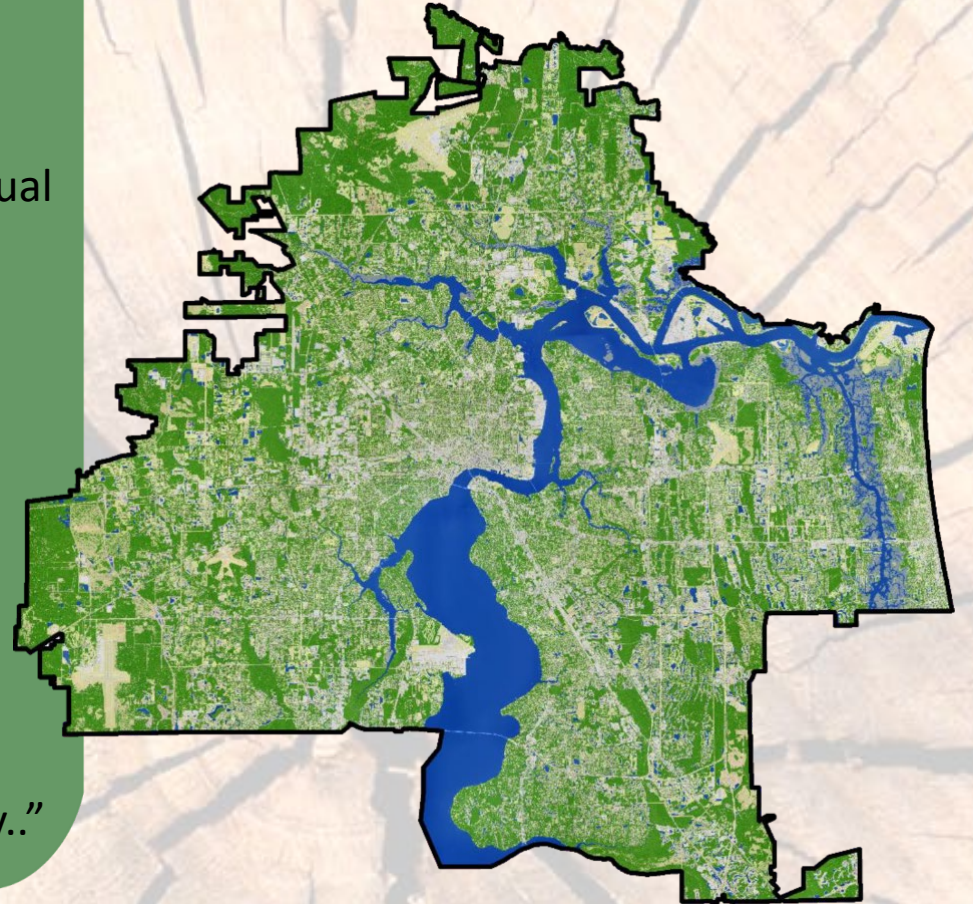
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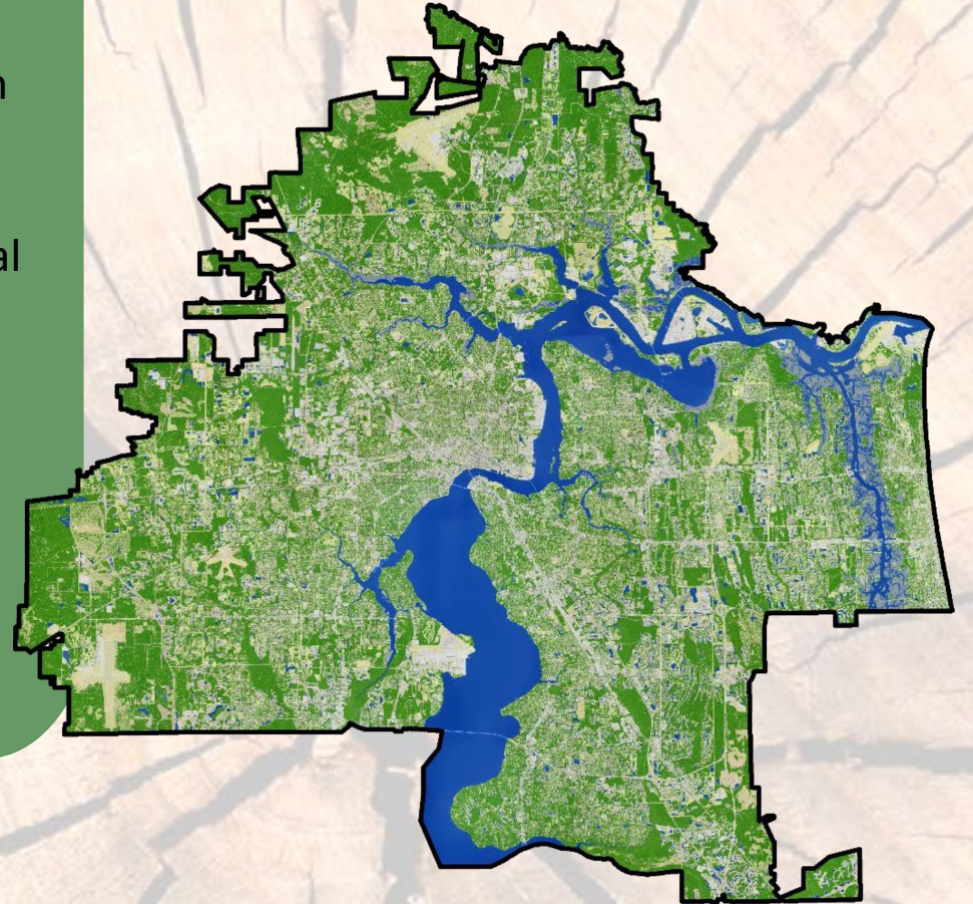
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